

Luis Ronquillo Hernandez

Springboro, Ohio | U.S. Dual Citizen | 513-307-1616 | ronquilm@rose-hulman.edu

Mechanical Engineering Student with skills in circuit fundamentals, lab reporting, and human-centered design research | Experience in data analysis, accessibility-focused engineering projects, and cross-disciplinary collaboration | Fluent in Spanish with strong teamwork, adaptability, and communication skills | Seeking Internship Opportunity

Education:

Bachelor of Science, Mechanical Engineering

May 2029

Rose-Hulman Institute of Technology – Terre Haute, IN

Relevant Courses: Calculus 2, Physics 2, Graphical Communications, Statics & Mechanics of Materials, Software Development

High School Diploma

May 2025

Springboro High School - Springboro, OH

GPA:4.04/4

Relevant Courses: AP Physics 1, AP Physics C: E&M, AP Calculus, AP Seminar & Research

Skills:

Software: Google Workspace, Microsoft Word/PowerPoint, SolidWorks, MATLAB, 3D Modeling, 3D Printing, Python

Technical: Basic circuit knowledge, lab reporting

Personal: Time management, verbal communication, adaptability, team collaboration

Language: Spanish – Fluent (Reading, Writing, Speaking, Listening), limited advanced vocabulary

Project Experience:

Restroom Accessibility and Design Research

August 2024 – May 2025

- Conducted original research on restroom design and accessibility, focusing on engineering, human-centered design, and social equity
- Collaborated with professors and PhD graduates from Yale and Duke for feedback, mentorship, and research guidance
- Collected and analyzed survey data; proposed improvements based on human factors, usability, and public health research

Work Experience:

South Regency Tennis Center – Centerville, OH

July 2024 – October 2024

Receptionist

- Greeted and checked in all guests, coordinated match scheduling and court reservations
- Maintained facility cleanliness including pool chemical testing, trash removal, and bathroom restocking

Volunteer Experience:

5 Panes 2 Peces – Volunteer

January 2021 – August 2025

- Prepared and distributed meals to homeless populations
- Sorted and organized clothing donations for efficient distribution

Activities:

- Triangle Fraternity
- American Society of Mechanical Engineers (ASME)
- Engineers Without Borders (EWB)
- Design/Build/Fly Team
- Grand Prix Engineering Team
- Society of Hispanic Professional Engineers (SHPE)

Personal Interests:

Competitive Tennis, Distance Running, Environmental Sustainability, Multicultural Awareness, Pickleball